

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

43. (Currently Amended) ~~A program schedule displaying~~ An apparatus for displaying ~~a record content,~~ comprising:

storing means for storing a plurality of ~~contents~~ content items, the plurality of content items including a first content item and a second content item ~~into a memory-~~ apparatus;

content classifying means for classifying the said stored plurality of content items ~~contents;~~

virtual channel assigning means for assigning the said classified plurality of content items ~~contents~~ to a virtual channel;

arranging means for arranging the classified plurality of content items ~~contents~~ into the said virtual channel;

~~user operation-receiving~~ input means for receiving a user input ~~operation for said stored contents;~~

~~rescheduling means for rescheduling said virtual channel in accordance with said user operation; and~~

~~displaying~~ reproducing means for reproducing ~~displaying dynamically~~ the first content item; and said virtual channel on display.

selection means for selecting either the second content item, or a position within the first content item,

wherein the selection means selects the second content item or the position within the first content item based on a duration of the user input.

44. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the said displaying means displays an indicator of a current replaying position.

45. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the said content classifying means classifies, in accordance with a broadcasting time sequence, ~~and~~ an order of recommendation rating for the user preference, or a ~~past~~ viewing history of a the user.

46. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the position within the first content item is selected by one of ~~said user operation-~~ is fast forward, rewind, slow, replay, or scene jump.

47. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, further comprising:

current time acquiring means for acquiring a current time; and
calculating means for calculating a change value by comparing the said current time with a scheduled time for the first content item or the second content item, when receiving the said user operation is received.

48. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the plurality of content items ~~said contents~~ are programs provided via ground stations, satellite wireless network₁, or wired network.

49. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the plurality of content items ~~said contents~~ are comprised of visual and sound data.

50. (Currently Amended) The ~~program-schedule-displaying~~ apparatus according to claim 43, wherein:

the plurality of content items ~~said contents~~ are multimedia data or replay application programs.

51. (Currently Amended) A ~~program-schedule-displaying method for displaying a record content,~~ comprising the steps of:

storing a plurality of content items, the plurality of content items including a first content item and a second content item ~~contents into a memory apparatus;~~

classifying the said stored plurality of content items ~~contents;~~

assigning the said classified plurality of content items ~~contents~~ to a virtual channel;

arranging the classified plurality of content items ~~contents~~ into the said virtual channel;

receiving a user input ~~operation for said stored contents;~~

~~rescheduling said virtual channel in accordance with said user operation; and~~

reproducing displaying dynamically the first content item; and ~~said virtual channel on display.~~

selecting either the second content item, or a position within the first content item,

wherein the selection of the second content item or the position within the first content item is based on a duration of the user input.

52. (Currently Amended) The ~~program-schedule-displaying method~~ according to claim 51, further comprising the step of:

displaying an indicator of a current replaying position.

53. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, further comprising the step of:

classifying the plurality of content items in accordance with a broadcasting time sequence, and an order of recommendation rating for the user preference, or past viewing history of a the user.

54. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, wherein:

the position within the first content item is selected by one of said user operation-
is fast forward, rewind, slow, replay, or scene jump.

55. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, further comprising the steps of:

acquiring a current time; and

calculating a change value by comparing the said current time with a scheduled
time for the first content item or the second content item, when receiving the said user
operation is received.

56. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, wherein:

the plurality of content items ~~said contents~~ are programs provided via ground stations, satellite stations, wireless network, or wired network.

57. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, wherein:

the plurality of content items ~~said contents~~ are comprised of visual and sound data.

58. (Currently Amended) The ~~program schedule displaying~~ method according to claim 51, wherein:

the plurality of content items ~~said contents~~ are multimedia data or replay application programs.